

USSR / Pharmacology and Toxicology--Chemotherapeutic Preparations V-6

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107417

Author : Maslov, P. Ye., Petrushevskiy, S. E., Belyakova, A. G.

Inst : Not given

Title : Pentabismol, a New Domestic Water-Soluble Bismuth Preparation for the Treatment of Patients Affected with Syphilis

Orig Pub: Vestn. dermatol. i venerol., 1957, No 3, 32-35

Abstract: Pentabismol (P), a water-soluble preparation of bismuth, was used on 198 patients with different forms of syphilis. P was introduced intramuscularly in a dose of 2 ml every second day (in order to

Card 1/2

SMELOV, N.S.; YEGOROV, G.I.; KOKOLIN, A.I.; KSANFOPULO, P.I.; RAKHMANOVA, N.V.;
KRYLOVA, Ye.Ye.; RYKOVA, L.K.; PER, M.I.; PETRUSHEVSKIY, S.I.; PUSTOVAYA,
A.I.; TUNGSKOVA, A.I.; VELICHKO, Ye.V.; PLAVIT, P.Ya.; GOL'DENBERG, M.M.

Evaluation of results of the treatment of early syphilis according
to 1949 scheme. Vest. vener., Moskva No.1:29-33 Jan-Feb 52. (CML 21:4)

1. Professor for Smelov and Per. 2. Central Skin-Venerological Institute
(Director--N.M. Turanov) for Smelov, Yegorov, Sokolin, Ksanfopulo,
Rakhmanova, Krylova and Rykov; Hospital imeni Korolenko (Head Physician
Docent V.P. Volkov) for Per, Petrushevskiy; First Venereological Dis-
pensary (Head Physician--K.A. Vinogradova) for Pustovaya and Tunguskova);
Second Venereological Dispensary (Head Physician--V.G. Bronshteyn) for
Velichko, Plavit and Gol'denberg.

PETRUSHEVSKIY, S.I.

ROZENTUL, M.A., professor; VASIL'YEV, T.V., kand. med. nauk; SOKOLIN, A.I.,
kand.med.nauk; RAKHMANOVA, N.V., nauchn.sotr.; PRORVICH, L.V., nauchn.
sotr.; ZLATINA, A.R., nauchn.sotr.; ARNOL'D, V.A., vrach; ~~PETRUSHEV-~~
~~SKIY, S.I.~~, vrach; PLAVIT, P.Ya., vrach; VELICHKO, E.V., vrach; GLOBUS,
R.E., vrach; GOL'DENBERG, M.M., vrach; TUNGUSKOVA, A.I., vrach

Results of treating syphilis according to the 1949-1951 programs. Vest.
ven. i derm. no.1:22-25 Ja-F '55. (MIRA 8:4)

1. Bol'nitsa im. Korolenko (for Arnol'd, Petrushevskiy) 2. 1-y i 2-y
koshno-venerologicheskiye dispansery (for Plavit, Velichko, Globus,
Gol'denberg, Tunguskova) 3. Iz otdela sifilidologii (zaveduyushchiy
professor M.A.Rozentul) TSentral'nogo kozhno-venerologicheskogo insti-
tuta (direktor - kandidat meditsinskikh nauk N.M.Turanov) Ministerstva
sdravookhraneniya SSSR.

(SYPHILIS, therapy
in Russia, pattern of ther.)

ROZENTUL, M.A., professor; VASIL'YEV, T.V., kandidat meditsinskikh nauk;
SOKOLIN, A.I., kandidat meditsinskikh nauk; MASLOV, P.Ye., kandidat
meditsinskikh nauk; PRORVICH, L.V., kandidat meditsinskikh nauk;
PAKHMANOVA, N.V. Pakhmanova, nauchnyy sotrudnik; KHAMAGANOVA, A.V.,
nauchnyy sotrudnik; PETRUSHEVSKIY, S.I., vrach

Treatment of syphilis with ecomenovocillin. Sov.med. 20 no.7:24-28
Jl '56. (MLRA 9:10)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozentul) TSentral'nogo
kozhno-venerologicheskogo instituta (dir. - dotsent N.M.Turanov)
Ministerstva zdravookhraneniya SSSR.

(SYPHILIS, ther.

procaine penicillin G with ekmolin)

(PENICILLIN, rel. cpds.)

procaine penicillin G with ekmolin in ther. of syphilis)

PETRUSHEVSKIY, S.I.

Case of brain embolism following an intragluteal osmonovocillin
injection. Vest.ven. i derm. 30 no.4:59 J1-Ag '56. (MLRA 9:10)

1. Iz otdela sifilidologii Tsentral'nogo kozhno-venerologicheskogo
instituta i Moskovskoy klinicheskoy bol'nitsy imeni Korolenko.
(ANTIBIOTICS) (EMBOLISM) (INJECTIONS, INTRAMUSCULAR)

ROZENTUL, M.A., prof.; VASIL'YEV, T.V., kand.med.nauk; MASLOV, P.Ye., kand.med.nauk; ROBUSTOV, G.V., kand.med.nauk; SOKOLIN, A.I., kand.med.nauk; RAKHMANOVA, N.V., nauchnyy sotrudnik; KHAMAGANOVA, A.V., nauchnyy sotrudnik; ~~PETRUSHEVSKIY~~, S.I., vrach; TUNGUSKOVA, A.P., vrach; VELICHKO, E.V., vrach; GLOBUS, R.E., vrach; GOL'DENBERG, M.M., vrach.

Combined treatment of syphilis with several antibiotics [with summary in English]. Vest.derm. i ven. 32 no.1:42-47 Ja-P '59.
(MIRA 11:4)

1. Iz otdela sifilidologii (zav.-prof. M.A.Rozentul) TSentral'nogo kozhno-venerologicheskogo instituta (dir.-kandidat meditsinskikh nauk N.M.Turanov) Ministerstva zdravookhraneniya RSFSR. 2. Bol'nitsa imeni Korolenko (for Petrushevskiy)

(SYPHILIS, ther.

antibiotics in combination (Rus)

(ANTIBIOTICS, ther. use

syphilis, combined antibiotics (Rus)

PETRUSHEVSKIY, S.I.

Cerebrospinal puncture for outpatients following treatment for
syphilis. Vest.derm. i ven. 32 no.1:78-79 Ja-V '58. (MIRA 11:4)

1. Iz otdela sifilidologii TSentral'nogo kozhno-venerologicheskogo
instituta i Moskovskoy gorodskoy klinicheskoy kozhno-venerologicheskoy
bol'nitsy imeni Korolenko.
(SPINE--PUNCTURE) (SYPHILIS)

Петрушевский, В. С. И

PETRUSHEVSKIY, S.I.

Case of mycotic sepsis (Candida sepsis) due to treatment with antibiotics. Sov.med. 21 no.9:123-125 S '57. (MIRA 11:1)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozentul) i mikologii (zav. - prof. A.M.Ariyevich) Tsentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - dotsent N.M.Turanov) i Klinicheskoy kozhno-venerologicheskoy bol'nitsy imeni V.G. Korolenko (glavnyy vrach - sssluzhennyy vrach RSFSR V.P.Nikolayev)

(ANTIBIOTICS, inj. eff.

monilliasis causing sepsis)

(MONILIASIS, etiol. and pathogen.

antibiotic ther.,)

ПЕТРУШЕВСКИЙ

MASLOV, P.Ye., kandidat meditsinskikh nauk; PETRUSHEVSKIY, S.I.;
BELYAKOVA, A.G.

New Russian water-soluble bismuth preparation, pentabismol, in the
treatment of syphilis [with summary in English]. Vest.derm. i ven.
31 no.3:32-35 My-Je '57. (MIRA 10:11)

1. Iz otdela sifilidologii (zav. - prof. M.A.Rozentul) Tsentral'nogo
kozhno-venerologicheskogo instituta (dir. - kandidat meditsinskikh
nauk N.M.Turanov) Ministerstva zdavookhraneniya RSFSR i klinicheskoy
kozhno-venerologicheskoy bol'nitsy imeni Korolenko (glavnyy vrach -
zasluzhennyy vrach RSFSR V.P.Nikolayev)

(SYPHILIS, therapy,
pentabismol (Rus))

(BISMUTH, therapeutic use,
syphilis, water-soluble prep. pentabismol (Rus))

COUNTRY : USSR
CATEGORY : Pharmacology and Toxicology. Chemotherapy. Antitumor Preparations. Antibiotics
ABS. JOUR. : ENdBiol., No. 1 1959, No. 16-17
AUTHOR : Lotrushevich, S. Ye.
INSTR. : -
TITLE : Synthomycin in Ophthalmological Practice
ORIG. PUB. : Oftalmol. zh., 1958, No. 3, 162-164
ABSTRACT : no abstract

CARD. 1/1

IGNATOV, V. I.; 1973; 1974; 1975; 1976.

Effectiveness of detection of radar detections of clouds without
precipitation. Tudy 0.0. 1973: 1-8. 1975.

(MIRA 1974)

KULIKOVA, G.I.; NIKANOROV, G.T.; PETROSHENKII, V.A.

Accuracy of measuring the boundaries of clouds by radar. Study
GGO no.173:8-16 '66. AIR 18:5

TONATONIA, B.V.; HIRSHENSKIY, V.A.; SLOMAN, Ye.M.

Radar indications of the nature of the cloud cover. Study 300
no. 173:26-33 1985. MIRA 12:3

L 5238h-65 PSS-2/ENT(1)/KED-2 Pm-h/Pac-h/P3-h/Px-h/P1-h WR

ACCESSION NR: AT5012356

UR/2531/66/000/173/0003/0008

AUTHOR: Ignatova, R.V.; Petrushevskiy, V.A.

TITLE: Efficiency and reliability of radar detection of clouds which do not produce precipitation

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 173, 1986. Voprosy radiometeorologii (Problems in radiometeorology), 3-8

TOPIC TAGS: radar cloud detection, precipitationless cloud, meteorological radar

ABSTRACT: Ye. M. Sal'man and B. Sh. Divinskaya previously investigated (Trudy GGO, no. 159, 1964) the efficiency of radar detection of precipitation-producing clouds. The present work deals with the efficiency and reliability of radar detection of clouds which do not produce precipitation. Experimental data concerning the radar detection of variously shaped clouds and the methods used during such observations are given. Tests show that 1) for all types of clouds, the probability of detection is below 100%; 2) for all types of clouds, there are distance intervals over which the detection probability remains constant; and 3) the detection probability decreases with distance (this is particularly pronounced in the Sc case). Consequently, the detection probability of precipitationless

Card 1/2

1. 52384-65

ACCESSION NR: AT5012356

clouds is low compared with that of clouds with precipitation, and the reliability of detecting such clouds even in the near zone is less than 100% and cannot be gauged by an effective radius. The most convenient method for cloudiness detection (especially in the case of cumulus clouds) is total sky scanning. Orig. art. has: 3 formulas, 1 figure, and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 002

OTHER: 000

gal
Card 2/2

L 53735-65 EST(1)/FCC/REC(t) RB/GW

ACCESSION NR: /AT5012359

UR/2531/65/000/173/0026/0033

AUTHOR: Ignatova, R. V.; Petrushevskiy, V. A.; Sal'man, Ye. M.

TITLE: Radar criteria for cloud identification

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 173, 1965. Voprosy radiometeorologii (Problems in radiometeorology), 26-33

TOPIC TAGS: cloud identification, radar cloud identification, cloud reflectivity, meteorological radar

ABSTRACT: The identification of clouds and the determination of the size of the cloud cover are one of the most important tasks of meteorological observations. The recent use of special high-power meteorological radar units offers new approaches to this old problem (Ye. M. Sal'man, Trudy GGO, no. 149, 1963). Two methods are currently in use: 1) vertical probing, and 2) the vertical cross section approach. Their proper operation requires radar criteria for cloud identification. Special radar observations in the Siverskaya Leningradskaya oblast during 1963 aimed at the establishment of such criteria using the reflectance Z , the average reflectance $\bar{Z}$, reflectance dispersion σ_z , and the modal value of the reflectance Z_{mo} as parameters. Some of the results of comprehensive tests are shown in Figs. 1 and 2 of the Enclosure. Orig. art.

Card

1/4

I. 53735-65

ACCESSION NR: AT5012359

has: 2 figures and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya im. A. I. Voyeykova,
Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

ENCL: 02

SUB CODE: ES, DC

NO REF SOV: 003

OTHER: 000

Card 2/4

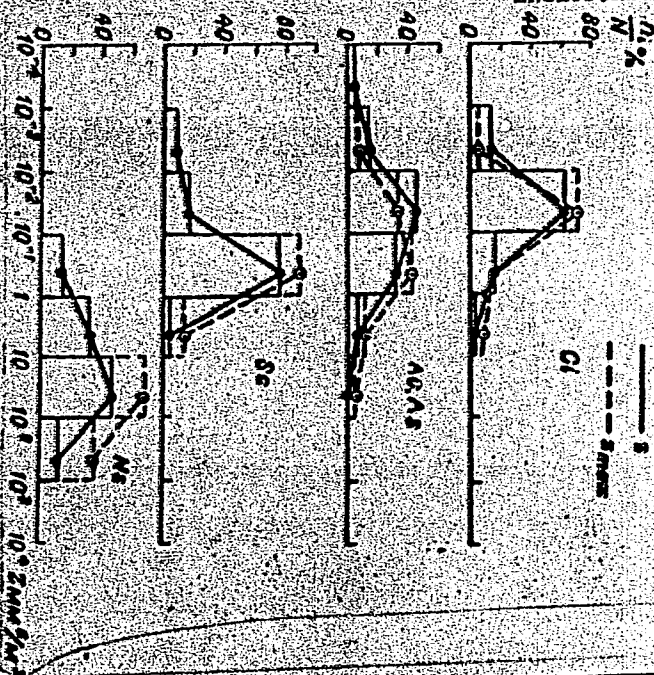
L 53735-65

ACCESSION NR: AT5012359

ENCLOSURE:

01

Figure 1. Reflectivity histogram of various types of clouds.



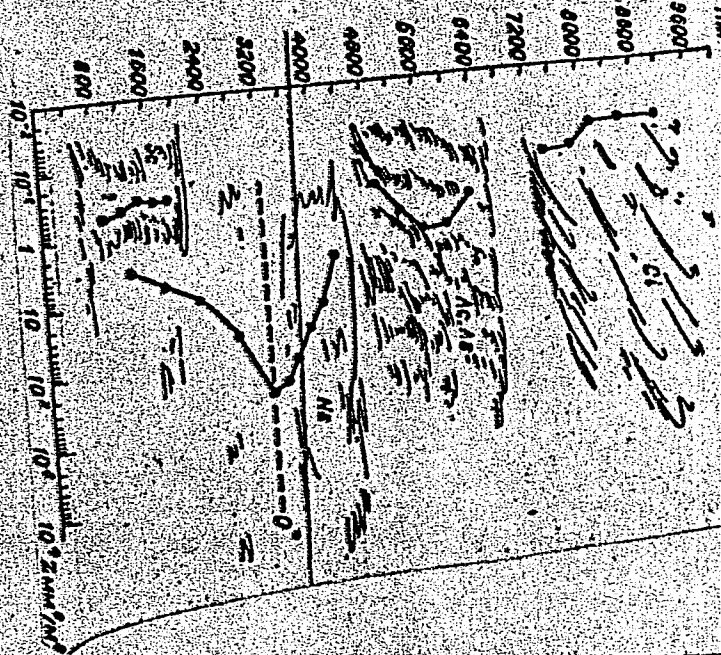
Card 3/4

L 53735-65

ACCESSION NR: AT5012359

ENCLOSURE: 02

Figure 2. Vertical reflectivity profiles of various types of clouds.



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Cord 4/4

L 52383-65 FSS-2/ENT(1)/FCO/EEG(1)/EED-2 Pm-h/Pac-h/Pj-h/Pk-h/Pl-h RB/GH/WR

ACCESSION NR: AT5012357

UR/2531/65/000/173/0009/0018

AUTHOR: Kulikova, G.I.; Nikandrova, G.T.; Petrushevskiy, V.A.

TITLE: The accuracy of radar cloud boundary determinations

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 173, 1965. Voprosy radiometeorologii (Problems in radiometeorology), 9-18

TOPIC TAGS: radar cloud detection, cloud boundary determination, meteorological radar, upper cloud limit

ABSTRACT: The paper describes the method of parallel cloud height measurements by means of aircraft and radar observations; data from the two approaches are compared, yielding the experimentally determined error of radar cloud height observations. The authors present a detailed discussion of various experimental errors contributing to the total altitude error during cloud boundary determinations by means of radar. The results of the study show that: 1) the height of the radar-observed upper reflection limits from clouds coincide, within the limits of accuracy of the calculation, with the visible cloud boundaries; 2) the experimental magnitude of the mean square height measurement error is 0.21 km; and 3) the lower edge of the clouds of the lower, medium, and upper strata may be observed with efficiencies of 0.3, 0.8, and 0.9, respectively. Orig. art.

Card 1/2

L 52383-65

ACCESSION NR: AT5012357

has: 10 formulas, 3 figures, and 2 tables.

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad
(Geophysical Observatory)

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 006

OTHER: 000

2/2
Card

21971-66 FSS-2/EWT(1)/ECC RB/GW/WR UR/2531/64/000/159/0048/0058
 ACC NR. AT6008123

AUTHOR: Petrushevskiy, V.A.; Sal'man, Ye.M. (Candidate of Physico-mathematical Sciences) 37
 BT/

ORG: None

TITLE: Height determination of cumulus-rain clouds by radar 12, 44, 55
 24

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 159, 1964.
 Voprosy radiometeorologii (Problems in radiometeorology), 48-58

TOPIC TAGS: ~~radiometeorology~~, ~~cumulus-rain cloud~~, cloud, ~~height determination~~, ~~atmospheric~~ cloud, ~~height determination~~, radiometeorology, ~~atmospheric~~ meteorologic radar, airborne radar equipment, meteorologic observation, transport aircraft/Tu-154 transport aircraft

ABSTRACT: Measurement of cumulus rain cloud heights by the radar methods of vertical cross section and of slant ranging is discussed. Interest in these problems of radiometeorology was generated by their relevance to air traffic. For ranges up to 40 km, cloud and precipitation zone heights can be determined by the cross section method, using height/range indicating radars. Since this equipment was not yet available for higher ranges, slant ranging was used and studied. The slant range height is given by the expression:

$$H_{\text{meas.}} = R \cdot \sin \varepsilon \quad (1) \quad \text{where -}$$

H is the height, R - range, and ε - the angle of elevation, identified by the angle of return signal disappearance. The slant ranging approach to height determination has

Card 1/2

L 21971-66

ACC NR: AT6008123

many error sources, including radiorizon and earth's curvature effects, atmospheric refraction, effects of the directional beamwidth, etc., as well as errors of a random nature. Efforts of this study were therefore directed toward a comprehensive error and correction theory. It was also noted that many cloud tops contain coarse particles, contributing to total reflection of the cloud. The results of error theory were tested by a coordinated operation of a the radar station and an an airplane flights program. The flying laboratory plane, a TU-104, was directed to designated clouds by the radar operations center. Altogether, 66 flights were made. Measurement results and derived errors were analysed and presented in graphs and tables. The authors conclude that: 1) it is possible to determine the heights of upper borders of cumulus rain clouds by high meteorological performance radars; 2) it is possible to partially compensate for systematic errors due to directional beamwidth, earth's curvature and atmospheric refraction, etc; 3) an increase in the precision of elevation angle measurement is very desirable. Orig. art. has 4 figures, 25 formulas and 2 tables.

SUB CODE: 04, 17

SUBM DATE: 00

ORIG REF: 003

OTH REF: 000

Card 2/2 *over*

L 20678-66 FSS-2/EWT(1)/FCC CM/WR

ACC NR: AT6008129

SOURCE CODE: UR/2531/64/000/159/0089/0093

AUTHOR: Petrushevskiy, V. A.

33
B+1

ORG: none

TITLE: A device for detailed study of radio echoes from clouds and precipitation¹²

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 159, 1964.
Voprosy radiometeorologii (Problems in radiometeorology), 89-93

TOPIC TAGS: radio echo, atmospheric precipitation, atmospheric cloud, radar display equipment

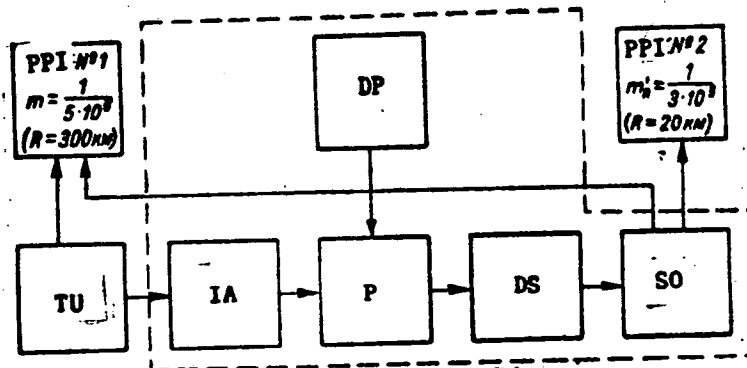
ABSTRACT: The author describes a unit for improving the definition of a radio echo pattern on a PPI which makes it possible to determine the direction and rate of motion of the blip with more speed and accuracy. A block diagram of the unit is shown in the figure. The device uses two P-displays²⁴ coarse (PPI No 1) and fine (PPI No 2). Any section in the range of the coarse PPI may be examined on the fine PPI in large scale (from $3:10^6$ to $6:10^7$, which corresponds to ranges from 20 to 100 km). A pulse from trigger unit TU starts scanning of PPI No 1 and is fed to the

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Card 1/2

L 20678-66
ACC NR: AT6008129

delay unit which consists of an inverter amplifier IA, phantastron P, differentiation stage DS and squegging oscillator SO. Scanning of PPI No 2 is triggered by the delayed pulse. The delay time is regulated by delay potentiometer DP which is graduated with respect to range. A schematic diagram



of the delay unit is given. The azimuthal distortions which arise during operation of the instrument are analyzed. Orig. art. has: 3 figures, 8 formulas. [14]

SUB CODE: 09,08/ SUBM DATE: 00/ ORIG REF: 001/ ATD PRESS: 4/223

Card 2/2 *AK*

M. J.

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PETRUSHEVSKIY, Ye.I.

Calculation of the bottom pressure of gas and gas condensate wells based on surface measurements. Izv.vys.ucheb.zav.; neft' i gaz 3 no.2:59-63 '60. (MIRA 13:6)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.
(Gas, Natural)

ДУРМЕСОВ А.С. История нефтяного дела.

Разработка и освоение залежей нефти и газа в пределах территории СССР.
Разработка и освоение залежей нефти и газа в пределах территории СССР.
Разработка и освоение залежей нефти и газа в пределах территории СССР.

(МДРА 18.6

PETRUSHEVSKIY, Ye.I.

Study of the second period of pressure restoration after the well had been shut down taking into account fluid inflow. Izv. vys. nauch. zav.; neft' i gas 2 no.7:41-48 '59. (MIRA 12:12)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.
(Oil reservoir engineering)

DURMISH'YAN, A.G.; PETRUSHEVSKIY, Ye.I.

Extent of the oil fringe and the position of the oil-water
surface in pool 7 of the Karadag field. Izv. vys. ucheb. zav.;
neft' i gaz 3 no.4:61-65 '60. (MIRA 15:6)

1. Neftepromyslovoye upravleniye "Karadagneft'", Azerbaydzhanskiy
insti' nefti i khimii imeni Azizbekova.
(Karadag region—Oil reservoir engineering)

14(5)

SC7 11-1-19 1 50

AUTHOR:

Petrushkevskiy, Ya. I.

TITLE:

Evaluation of the Results in the Investigation of Wells by the Tracing Method With Due Regard to the Liquid Inflow (Otsnachenie rezul'tatov issledovaniya skvazhin metodom presledeniya na uchastok protoka zhidkosti)

PERIODICAL:

Izvestiya vysshihkh uchebnykh zavedeniy. Neft' i gaz, 1959
Nr 1, pp 41-48 (USSR)

ABSTRACT:

As soon as the liquid extraction is stopped, an unstable condition makes itself apparent in the well. If the well is investigated in this condition reliable data on the conductivity of the layer may be obtained. In order to evaluate the data obtained in this way, rather exact formulas for the variations of the slope back pressure or the productiveness of the liquid flowing in after closing the well are required. It is pointed out that the formulas given in many papers (Ref 1) are far too complicated and can therefore not be used in practice. A solution of this problem is then suggested. It uses the approximation method of the continuous change of state. For the purpose of obtaining more accurate results the number of terms

Card 2

SOV. 1978, 1979, 1980

Evaluation of the Results in the Investigation of Wells by the Testing Method With Due Regard to the Liquid Inflow

expressing the change of productiveness with the distance increased to infinity. The first section of the pressure restoration after closing the well is studied. In this section the influence of the supply on the pressure increase is practically nil. The formulas for the productiveness and the pressure increase in the well are derived. On the basis of these formulas a method for the evaluation of the results of the investigation is described by which data of the permeability of the layer can be obtained. There are 3 figures and 1 Soviet reference.

ASSOCIATION: Azerskaya Akademiya Nauk i Tekhnologii, M. Akademiya (Azerbaydzh. Akademiya Nauk i Tekhnologii, M. Akademiya)

SUBMITTED: November 21, 1978

Card 2/2

15(5)

AUTHORS: Petrushevskiy, Ye. I., Durmish'yan, A. G. SOV/152-59-3-12/25

TITLE: A Calculation Method for the Determination of the Dimensions of the Petroleum Zone in the Petroleum Deposit of the VII. Horizons of the Karadag Occurrence (Raschetnyy metod opredeleniya razmerov neftyanoy zony primenitel'no k zalezhi VII gorizontov mestorozhdeniya Karadag)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1959, Nr 3, pp 55-62 (USSR)

ABSTRACT: For four years the deposit of the VII. Karadag strata has been exploited as a gas condensate. The energy in the stratum is not substituted so that the pressure drops continuously proportionally to the drawing of gas and condensate. Boring carried out in the sea 1300 m off the shore in September 1958 yielded dark oil with inconsiderable gas content. Therefore the gas condensate deposit of the VII. strata has in the anticlinal a petroleum zone located below the sea bottom. A further decrease in the gas dome might be of disadvantage for prospecting the petroleum zone as petroleum would trickle into the sand and thus be lost. The prospecting of a petroleum zone in a depth of 4000-4500 m below the sea level takes too long a time. Attempts are therefore

Card 1/3

A Calculation Method for the Determination of the Dimensions of the Petroleum Zone in the Petroleum Deposit of the VII. Horizons of the Karadag Occurrence SOV/152-59-3-12/25

made to determine the dimensions of a petroleum zone by means of calculations. From the pressure-dependent gas content of the petroleum, the specific weights, the depth of contact between mineral oil and gas and pressure drop the following formula is derived:

$$H_n = \frac{p_k - p_o - (H_k - h_{ur}) \gamma_v}{\gamma_v - \gamma_n}$$
, where H_n denotes the unknown thickness of the petroleum stratum, p_k - the pressure at the point of contact between gas and petroleum, p_o - the atmospheric pressure, H_k - the depth of the gas-petroleum contact, h_{ur} - the water level in the bore hole, γ_v - the average specific weight of the bordering water in the bore hole, and γ_n - the specific weight of petroleum in the stratum. The extension of the petroleum deposit is trigonometrically calculated from the mean angle of inclination of the stratum of 18° . By substituting

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A Calculation Method for the Determination of the Dimensions of the Petroleum Zone in the Petroleum Deposit of the VII. Horizons of the Karadag Occurrence SOV/152-59-3-12/25

the special values determined for the bore holes a thickness of the petroleum stratum of about 390 m is calculated as well as an extension over about 1200 m. Although this calculation holds only within wide error limits it points to a considerably larger occurrence than hitherto (200-400 m extension) bored. Such an abundant occurrence calls for a rapid beginning of exploitation and the prevention of a pressure drop in the stratum in order to avoid losses in petroleum. There are 2 figures, 1 table, and 3 Soviet references.

ASSOCIATION: Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova i NPU "Karadagneft'" (Azerbaydzhskiy Industrial Institute imeni M. Azizbekov, and Petroleum Industry Administration "Karadagneft'")

SUBMITTED: January 15, 1959

Card 3/3

PETFUSHEVSKIY, V.

A course of Maritime Affairs for the
apprenticeship, St. Petersburg, 1901.

PETRUSHEVSKIY, V. and PETRUSHEVSKIY, A.

The ship Operational Practice, Volume I.
St. Petersburg, 1906.

NETRUSOVSKIY, V. A.

"History of the Development of the Ural-Alteran
Elp-Herynian Mass Deposits in an Economic
Area." Thesis for degree of Dr. of Geol.-Min. Sci.
Sci. Ser. 1. Jan. 62, Inst. of Geol. Sci., Acad.
Sci USSR.

Summary 12, 13 Dec 62, Dissertations Presenting of
Degrees in Science and Engineering in USSR in 1962.
From Vechernyaya Moskva, Jan-Dec 62.

PETRUSHEVSKY, G. C.

"Petrushevsky, G. C., Zoological Anthology." (p. 379) Rev. by D. Van der Flaas.

SO: Advances in Modern Biology, (Uspekhi Sovremennoi Biologii) Vol. XIII, No. 1, 1940

DVORETSKAYA, R.M., kandidat khimicheskikh nauk; GORBATOVA, A.N., kandidat
tekhnicheskikh nauk; PETRUSHEVSKIY, Ye.I., kandidat tekhnicheskikh
nauk.

Effect of demulsifiers on the operation of a compressor hoist
in connection with demulsion inside the well. Azerb.neft.khoz,
35 no.11:22-26 N '56. (MLRA 10:4)
(Oil wells) (Emulsions)

PETRUSHIN, A., podpolkovnik

Flight by orthodromes. Av. 1 kum. 48 no. 9:24-27 S '65.
(MIRA 18:8)

PETRUSHIN, A., podpolkovnik

From a given direction. Av.1 kosm. 45 no.8:53-55 '62.
(Aeronautics, Military) (MIRA 15:8)

PETRUSHIN, A., podpolkovnik

Landing by means of radar sight. Av.1 kosm. 45 no.10:55-58 '62.
(MIRA 15:10)

(Instrument landing systems)

NEKRASOV, Vladimir Konstantinovich; PETRUSHIN, Aleksandr Konstantinovich;
ARAPOV, S.Ya., redaktor; KUDRYAVTSEV, A.S., professor, redaktor;
KOGAN, F.L., tekhnicheskii redaktor.

[Ways of reducing costs in road construction] Puti snizheniia
sebestoimosti dorozhnogo stroitel'stva. Pod obshchei red.
A.S.Kudriavtseva. Moskva, Nauchno-tekhn.izd-vo avto-transportnoi
lit-ry, 1955. 140 p. (MLRA 9:1)
(Road construction--Estimates and costs)

PETRUSHIN, A.K., inzhener

**Expand the assortment of precast concrete parts and elements for
road construction. Avt.dor.18 no.4:13-15 J1-Ag'55. (MLRA 8:11)
(Roads, Concrete) (Precast concrete)**

PETRUSHIN, A.K.

Making contraction joints in freshly placed and partially
hardened concrete pavements. Avt. dor. 19 no.6:22-24 Je '56.

(MLRA 9:9)

(Pavements, Concrete)

PETRUSHIN, A.K., inzhener.

Technical progress and lowering the cost of road construction.
Avt. dor. 19 no.10:4-5 0 '56. (MLRA 9:12)

(Road construction--Estimates and costs)

PETRUSHIN, A.

A useful book ("Tenth International Road Congress." Reviewed by
A. Petrushin) Avt.dor. 20 no.6:28-29 Je '57. (MIRA 10:10)
(Roads)

PETRUSHIN, A.K.

~~CONFIDENTIAL~~
Seminar on low-priced roads and stabilization of soil. Art. dor.
21 no.6:26-27 Ja '58. (MIRA 12:10)
(Road construction--Congressmen)

PETRUSHIN, A.K., inzh.

Comments on highways in India. Avt.dor. 22 no.1:29-31 Ja '59.
(MIRA 12:2)

(India--Roads)

PETRUSHIN, I.D.

Is there any necessity for the small dirty fuel tank on
the TBM diesel locomotives. Elek.i tepl.tiuga 3 no.7:46
J1 '59. (MIRA 13:3)

1. Mashinist-instruktor po teplotekhnika, depo Likhobory,
Moskovsko-Kursko-Donbasskaya doroga.
(Diesel locomotives)

BOROVSKIY, I.B.; SKOTNIKOV, S.A.; PETRUSHIN, I.P.

Spectroscopic determination of nitrogen in metals. Trudy Inst.met.
no.3:276-282 '58. (MIRA 12:3)
(Nitrogen--Spectra) (Gases in metals) (Spectroscope)

PETRUSHIN, I.P., inzhener; ZAKHAROV, B.S., inzhener; KOROTKIY, S.A.,
Inzhener; MOROZOV, A.P., inzhener.

Remarks on the new regulations concerning the technical operation
of interurban telephone communication lines and repeater stations.
Vest.sviazi 14 no.2:15-16 P '54. (MLRA 7:5)
(Telephone lines)

AUTHORS:

Petrushin, I.P., Deputy-Head of the Technical Department of the Ministry of Communications.

TITLE:

New Rules for the Technical Operation of Long Distance Telephone Communications. Voprosy (Questions) ex: 1. 1980.

PERIODICAL:

Telegrafnyi, 1980, No. 1, p. 10.

ABSTRACT:

The organization of a long distance telephone network and the development of its technical operation, maintenance and service are described. The new rules for the Ministry of Communications, USSR, for the operation of long distance telephone into effect on 1 January, 1980. The rules deal with these rules dealing with operating standards, control and responsibility, operating procedures, breakdowns and how to deal with them, the use of the visual channel record of the network, and repair.

Card 1/2

New Rules for the Technical Operators of Long Distance Telephone Communication

ASSOCIATION: Ministerial, 1911-1912, 1913-1914, 1915-1916, 1917-1918, 1919-1920, 1921-1922, 1923-1924, 1925-1926, 1927-1928, 1929-1930, 1931-1932, 1933-1934, 1935-1936, 1937-1938, 1939-1940, 1941-1942, 1943-1944, 1945-1946, 1947-1948, 1949-1950, 1951-1952, 1953-1954, 1955-1956, 1957-1958, 1959-1960, 1961-1962, 1963-1964, 1965-1966, 1967-1968, 1969-1970, 1971-1972, 1973-1974, 1975-1976, 1977-1978, 1979-1980, 1981-1982, 1983-1984, 1985-1986, 1987-1988, 1989-1990, 1991-1992, 1993-1994, 1995-1996, 1997-1998, 1999-2000, 2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, 2011-2012, 2013-2014, 2015-2016, 2017-2018, 2019-2020, 2021-2022, 2023-2024, 2025-2026, 2027-2028, 2029-2030, 2031-2032, 2033-2034, 2035-2036, 2037-2038, 2039-2040, 2041-2042, 2043-2044, 2045-2046, 2047-2048, 2049-2050, 2051-2052, 2053-2054, 2055-2056, 2057-2058, 2059-2060, 2061-2062, 2063-2064, 2065-2066, 2067-2068, 2069-2070, 2071-2072, 2073-2074, 2075-2076, 2077-2078, 2079-2080, 2081-2082, 2083-2084, 2085-2086, 2087-2088, 2089-2090, 2091-2092, 2093-2094, 2095-2096, 2097-2098, 2099-2100, 2101-2102, 2103-2104, 2105-2106, 2107-2108, 2109-2110, 2111-2112, 2113-2114, 2115-2116, 2117-2118, 2119-2120, 2121-2122, 2123-2124, 2125-2126, 2127-2128, 2129-2130, 2131-2132, 2133-2134, 2135-2136, 2137-2138, 2139-2140, 2141-2142, 2143-2144, 2145-2146, 2147-2148, 2149-2150, 2151-2152, 2153-2154, 2155-2156, 2157-2158, 2159-2160, 2161-2162, 2163-2164, 2165-2166, 2167-2168, 2169-2170, 2171-2172, 2173-2174, 2175-2176, 2177-2178, 2179-2180, 2181-2182, 2183-2184, 2185-2186, 2187-2188, 2189-2190, 2191-2192, 2193-2194, 2195-2196, 2197-2198, 2199-2200, 2201-2202, 2203-2204, 2205-2206, 2207-2208, 2209-2210, 2211-2212, 2213-2214, 2215-2216, 2217-2218, 2219-2220, 2221-2222, 2223-2224, 2225-2226, 2227-2228, 2229-2230, 2231-2232, 2233-2234, 2235-2236, 2237-2238, 2239-2240, 2241-2242, 2243-2244, 2245-2246, 2247-2248, 2249-2250, 2251-2252, 2253-2254, 2255-2256, 2257-2258, 2259-2260, 2261-2262, 2263-2264, 2265-2266, 2267-2268, 2269-2270, 2271-2272, 2273-2274, 2275-2276, 2277-2278, 2279-2280, 2281-2282, 2283-2284, 2285-2286, 2287-2288, 2289-2290, 2291-2292, 2293-2294, 2295-2296, 2297-2298, 2299-2300, 2301-2302, 2303-2304, 2305-2306, 2307-2308, 2309-2310, 2311-2312, 2313-2314, 2315-2316, 2317-2318, 2319-2320, 2321-2322, 2323-2324, 2325-2326, 2327-2328, 2329-2330, 2331-2332, 2333-2334, 2335-2336, 2337-2338, 2339-2340, 2341-2342, 2343-2344, 2345-2346, 2347-2348, 2349-2350, 2351-2352, 2353-2354, 2355-2356, 2357-2358, 2359-2360, 2361-2362, 2363-2364, 2365-2366, 2367-2368, 2369-2370, 2371-2372, 2373-2374, 2375-2376, 2377-2378, 2379-2380, 2381-2382, 2383-2384, 2385-2386, 2387-2388, 2389-2390, 2391-2392, 2393-2394, 2395-2396, 2397-2398, 2399-2400, 2401-2402, 2403-2404, 2405-2406, 2407-2408, 2409-2410, 2411-2412, 2413-2414, 2415-2416, 2417-2418, 2419-2420, 2421-2422, 2423-2424, 2425-2426, 2427-2428, 2429-2430, 2431-2432, 2433-2434, 2435-2436, 2437-2438, 2439-2440, 2441-2442, 2443-2444, 2445-2446, 2447-2448, 2449-2450, 2451-2452, 2453-2454, 2455-2456, 2457-2458, 2459-2460, 2461-2462, 2463-2464, 2465-2466, 2467-2468, 2469-2470, 2471-2472, 2473-2474, 2475-2476, 2477-2478, 2479-2480, 2481-2482, 2483-2484, 2485-2486, 2487-2488, 2489-2490, 2491-2492, 2493-2494, 2495-2496, 2497-2498, 2499-2500, 2501-2502, 2503-2504, 2505-2506, 2507-2508, 2509-2510, 2511-2512, 2513-2514, 2515-2516, 2517-2518, 2519-2520, 2521-2522, 2523-2524, 2525-2526, 2527-2528, 2529-2530, 2531-2532, 2533-2534, 2535-2536, 2537-2538, 2539-2540, 2541-2542, 2543-2544, 2545-2546, 2547-2548, 2549-2550, 2551-2552, 2553-2554, 2555-2556, 2557-2558, 2559-2560, 2561-2562, 2563-2564, 2565-2566, 2567-2568, 2569-2570, 2571-2572, 2573-2574, 2575-2576, 2577-2578, 2579-2580, 2581-2582, 2583-2584, 2585-2586, 2587-2588, 2589-2590, 2591-2592, 2593-2594, 2595-2596, 2597-2598, 2599-2600, 2601-2602, 2603-2604, 2605-2606, 2607-2608, 2609-2610, 2611-2612, 2613-2614, 2615-2616, 2617-2618, 2619-2620, 2621-2622, 2623-2624, 2625-2626, 2627-2628, 2629-2630, 2631-2632, 2633-2634, 2635-2636, 2637-2638, 2639-2640, 2641-2642, 2643-2644, 2645-2646, 2647-2648, 2649-2650, 2651-2652, 2653-

1. Telephone communication systems--Standards

Card 2/2

PETRUSHIN, I.P., otv.red.; BALAKIREV, A.F., red.; MARKOCH, K.G.,
tekhn.red.

[Rules for the operation of long distance telephone and
telegraph cables] Pravila tekhnicheskoi ekspluatatsii
kabel'nykh linii mezhdugorodnoi telefonno-telegrafnoi
svyazi. Moskva, Sviaz'izdat, 1959. 113 p. (MIRA 12:10)

1. Moscow (1923- U.S.S.R.) Ministerstvo svyazi SSSR. Glav-
noye upravleniye mezhdugorodnoy telefonno-telegrafnoy svyazi.
(Telegraph cables) (Telephone cables)

PETRUSHIN, I.P.

Increase the tempo of the technological improvement of principal cable and radio relay systems. Vest. svyazi 20 no.10:5-7 0 '60.
(MIFA 13:11)

1. Glavnyy inzhener Glavnogo upravleniya mezhdugorodnoy telegraf-notelefonnoy svyazi Ministerstva svyazi SSSR.
(Telecommunication)

L 41327-65

S/0106/64/000/012/0080/0080

ACCESSION NR: AP5009726

AUTHOR: Petrushin, I. P.

TITLE: Conference on automation of interurban communications

SOURCE: Elektrosvyaz', no. 12, 1964, 80

TOPIC TAGS: automation, telephone system, telegraph system, communication conference

ABSTRACT: The article summarizes the work and recommendations of the 3rd All-Union Conference on Automation of Interurban Telephone and Telegraph Systems, held 28-30 September 1964 in Frunze. The conference requested the Central Scientific Research Institute for Communications to accelerate its work on basic plans for automation of intra-oblast communications, recommended that the Ministry of Communications introduce experimentally a single rate for intra-oblast telephone calls, and approved the policy of the Ministry of Communications in automating the telegraph system on the principle of direct connections.

ASSOCIATION: none

SUBMITTED: 10Oct64

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: EC, IE

JPRS

Card 1/1 *PH*

PETRUSHIN, Ivan Petrovich; MOROZOV, V.V., otv. red.; BATHAK, V.A., I.A.,
red.

[Fundamental principles of the operation of the technical
means of long-distance communication] Osnovnye printsipy
ekspluatatsii tekhnicheskikh sredstv raznougrodnoi svyazi.
Moskva, Svyaz', 1964. 39 p. (NINA 18:4)

1978, 1.7.

Results of a correspondence by mail conducted by telephone operators. Test. svyazi 15.04.73-24.04.73.

1. Glavnyy inzh. Glavnogo upravleniya mezhduнародnyy telegrafnoy svyazi Ministerstva svyazi SSSR.

PETRUSHIN, I.I.

Conference on the subject of long distance communication
Petrovskiy 18 n. 2180 1. 1960

TM RA P

PETRUSHIN, I.P.

Pressing problems concerning the automation of long distance
telephone and telegraph communication. Vest. svyazi 24 no.12:
18-19 D '64 (MIRA 18:2)

1. Glavnyy inzh. Glavnogo upravleniya mezhdugorodnoy telegrafnoy
svyazi Ministestva Svyazi SSSR.

PETRUSHIN, I.P.

Engineering regulations for the operation of communication systems during the transmission of international television broadcasts. Vest. svyazi 24 no.8:19-21 Ag '64.

(MIRA 17.10)

1. Glavnyy inzh. Glavnogo upravleniya mezhdugorodnoy telegrafnoy i telefonnoy svyazi Ministerstva svyazi SSSR.

PETRUSHIN, I.P.

Engineering regulations for operating radio relay systems.
Vest. svyazi 23 no.6:26-27 Je '63. (MIRA 16:8)

1. Zamestitel' nachal'nika Glavnogo upravleniya mezhdugorodnoy telegrafno-telefonnoy svyazi Ministerstva svyazi SSSR.

PETRUSHIN, I.P.; YARTSEV, G.Ye.

Telephone-television coaxial main line. Vest. svyazi 21 no.3:3-5
Mr '61. (MIRA 14:6)

1. Glavnyy inzh. Glavnogo upravleniya mezhdugorodnoy telegrafno-te-
lefonnoy svyazi Ministerstva svyazi SSSR (for Petrushin). 2. Nachal'nik
tekhnicheskogo otdela Glavnogo upravleniya mezhdugorodnoy telegrafno-
telefonnoy svyazi Ministerstva svyazi SSSR (for Yartsev).
(Telephone lines) (Television)

POPOVA, N.B., kand.tekhn.nauk; PETRUSHIN, I.P., inzh.

V-60-S terminal apparatus for high-frequency telephone systems.

Vest. svyazi 22 n. 11-13 S '61. (MIRA 11-13)

(Telephone—Equipment and supplies)

POPOVA, N.E., kand.tekhn.nauk; PETRUSHIN, I.P., inzh.

Design and schematics of the V-60-S apparatus. Vest. svyazi 21
no.12:6-9 D '61. (Mikro 10:12,
(Telephone--Equipment and supplies)

PETRUSHIN, I.P.

Toward automation and overall mechanization of long-distance
telephone communications. Vest. svyazi 22 no.4:3-4 Ap '62.
(MIRA 15:4)

1. Glavnyy inzh. Glavnogo upravleniya mezhdugorodnoy telegrafno-
telefonnoy svyazi Ministerstva svyazi SSSR.
(Telephone)

BEL'CHUK, G.A.; PETRUSHIN, I.V.; KOROBV, P.D.; SIDOROV, A.D.

Corroison resistance of welded joints in aluminum alloys and steel.
Avtom. svar. 15 no.7:8-11 JI '62. (MIRA 15:7)

1. Leningradskiy korablestroitel'nyy institut (for Bel'chuk, Petrushin).
2. Leningradskiy zavod imeni A.A.Zhdanov (for Korobov, Sidorov).
(Aluminum alloys--Welding) (Steel--Welding)
(Corrosion and anticorrosives)

38005

S/125/62/000/007/002/012
D040/D113

2402

AUTHORS: Bel'chuk, G.A., Petrushin, I.V., Korobov, P.D., and Sidorov, A.D.

TITLE: Corrosion resistance of welded joints between aluminum alloys and steel

PERIODICAL: Avtomaticheskaya svarka, no. 7, 1962, 8-11

ABST: Results are given of corrosion tests conducted with argon arc welded joints of aluminum alloys and steel, which were produced in experiments by the Leningrad Shipbuilding Institute (Leningrad Shipbuilding Institute) -LKI, jointly with the Leningradskiy zavod im. A.A. Zhdanova (Leningrad Plant im. A.A. Zhdanov). The welding techniques were previously described by Bel'chuk ("Svarochnoye proizvodstvo", no. 5, 1961). The strength of welds obtained using these techniques equalled the strength of pure aluminum. The test specimens were prepared by butt and T-welding AMr6 (AMg6) alloy to zinc-coated low-carbon steel. The corrosion tests, lasting 4,300 hours, were conducted using a Gardner's wheel and a humid-chamber containing a mixture of synthetic sea water and air injected every 30 min. The corrosion resistance was judged according to appearance and mechanical strength tests. No traces of corrosion were revealed in welds; however, the aluminum alloy and steel were affected. The protective effect of $\omega\pi$ -G3

Card 1/2

GONCHARENKO, B.L., red.; PETRUSHIN, M.I., kand. ekonom. nauk, red.;
SAMBORSKIY, G.I., kand. ekon. nauk, red.; TOLKACHEV, A.S.,
kand. ekon. nauk, red.; TOMLENOVA, A.K., red.; PONOMAREVA,
A.A., tekhn. red.

[Continuity in planning and state plan indices] Nepreryv-
nost' v planirovanii i pokazateli gosudarstvennogo plana.
Pod red. B.L. Goncharenko i dr. Moskva, Izd-vo ekon.lit-ry,
(MIRA 15:8)
1962. 439 p.

1. Moscow. Nauchno-issledovatel'skiy ekonomicheskii institut.
2. Nauchno-issledovatel'skiy ekonomicheskii institut Gosudar-
stvennogo nauchno-ekonomicheskogo soveta Soveta Ministrov
SSSR (for Petrushin, Samborskiy, Tolkachev).
(Russia---Economic policy) (Index numbers (Economics))

L 29973-66

ACC NR: AP6006466

SOURCE CODE: UR/0064/65/000/010/0783/0785

AUTHOR: Kovalenko, L. M.; Petrushin, P. I.; Borodyanskiy, M. B.

ORG: None

TITLE: Sectional plate cooler for phosphoric acid production by the furnace method

SOURCE: Khimicheskaya promyshlennost', no. 10, 1965, 783-785

TOPIC TAGS: phosphoric acid, cooling, heat carrier, heat exchanger, industrial heat exchanger, heat transfer, chemical engineering, industrial production, chemical industry

ABSTRACT: The design of a sectional plate-type cooler for phosphoric acid production by the furnace method is described in detail. It was tested and recommended for series production in 1964. Each steel plate is 1370 mm in length, 500 mm in width, and 1 mm in thickness. The heat-transfer surface is 0.5 sq m, the cross section area of a channel formed by two plates is 0.0018 sq m, the diameter of the channel is 0.008 m, the stream length in the channel is 1.15 m, and the total heat-transfer surface is 100 sq m. The permissible pressure and temperature in the cooler is 6 atm and 120 °C, respectively, the total weight of the cooler made from carbon and stainless steel including 1260 kg of Kh17N13M2T steel is 2500 kg, and its length is

Cord 1/2

UDC: 66.045.5: 661.634

L 29973-66

ACC NR: AP6006466

3300 mm, width 700 mm, and height 1850 mm. This cooler whose heat-transfer surface is 100 sq m. replaces 15 carbon graphite coolers with a total heat-transfer surface of 160 sq m at nearly half the water consumption. The cooler when produced in series will not exceed the cost of a shell-and-tube-type heat exchanger of the same heat-transfer surface and material, and will cost one-third less than the carbon graphite heat exchanger. Orig. art. has: 2 figures and 3 tables.

SUB CODE: 07,13/ SUBM DATE: none/ ORIG REF: 001

Card 2/2

30

LEYBERG, V.G.; KUVAYEVA, I.P.; BABUSHEKINA, L.M.; VASIL'YEVA, E.N.; SEMENOV, L.I.

Effect of various diets on chemical processes and microflora of the large intestine in man. Vop. pit. 24 no.2:47-55. Mar-Apr 1965. (MIRA 1965)

1. Laboratoriya fiziologii i patologii pishchevareniya (dir. - prof. G.K.Salygin) Instituta pitaniya AMN SSSR, Moskva.

ZAYKOVSKAYA, N.E.; PETRUSHINA, M.P.

Method for a rapid chromosome count. Agrobiologiya no.4:630-
632 J1-Ag '61. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy
svekly, Kiev.
(Sugar beets) (Chromosomes)

PETRUSHIN, P.

Need for a unified management. Mest. prom. i khud. promys. 3
no.8:28 Ag '62. (MIRA 15:10)

1. Direktor Sorokskogo raybytkombinata, Moldavskaya SSR.

(Moldavia—Service industries)

PETRUSHIN, V.P.

Determining the damping aerodynamic moment by the method of
undamped two-cycle oscillations. Vest. LGU 19 n. 19:125-126
'64. (MIRA 17:11)

L 17024-66 EWT(1)/FC. GH

ACC NR: AT6002838

SOURCE CODE: UR/2531/65/000/182/0016/0037

AUTHOR: Sorochan, O. G.; Petrushina, N. F.

ORG: Main Geophysical Observatory, Leningrad (Glavnaya geofizicheskaya observatoriya)

TITLE: Air mass characteristics ^{1244,55} of eastern Asia in winter and summer

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 182, 1965. Voprosy klimatografii (Problems in climatology), 16-37

TOPIC TAGS: anticyclone, atmospheric movement

ABSTRACT: Quantitative data are presented on properties of air masses over eastern Asia (85-170°C, 30-70°N). The study is based on data for 1955-1961 and the area under study was divided into 12 regions. The following data are tabulated: 1) pressure distribution at the 1000, 700 and 500 mb levels over each of the 12 regions in summer and in winter, and 2) types of air masses and the regions over which they prevail in each of the four seasons, together with the corresponding equivalent potential temperatures at 1000, 850, 700 and 500 mb and moisture content up to 5 km altitude. The air mass distributions and attending conditions shown in the tables

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L 17024-66

ACC NR: AT6002838

are discussed in detail. Several conclusions are drawn which may be summarized as follows: 1) in the course of the year there are five prevailing types of air masses over eastern Asia, continental arctic air, continental moderate air, continental subtropical air, maritime moderate air and maritime subtropical air, as well as a number of modified types. In most cases, the basic air mass types are located over specific regions, but they undergo seasonal changes except those occurring over the Arctic coast (continental arctic air) and over Central Asia (continental subtropical air); 2) seasonal changes of air masses include a significant increase in moisture content and a decrease in stability from winter to summer. 3) There is no correlation between the persistence of air masses and associated pressure patterns. 4) The general data do not show any intrusion of summer monsoons into latitudes higher than 45°N, but such intrusions occur in isolated cases and are reflected in an increase in moisture content over the eastern Asiatic coast. The winter monsoon causes a sharp decrease in the moisture content of air masses reaching to the southern regions of Asia. 5) During the summer seasons of the period 1955-1961 the circulation was dominated by intense cyclonic activity over the Asian continent. This appears to indicate a periodicity in the location of centers of action over eastern Asia, as the period 1949-1954 had been characterized by strongly developed anticyclonic circulation over the Pacific which extended its influence over the continent. Orig. art. has: 3 figures, 5 tables.

SUB CODE: 08/

SUBM DATE: 00/

ORIG REF: 001/

OTH REF: 002

Card 2/2 7725

VERKHOVSKAYA, V.A.; DEYNEKO, V.F., prof.; ZYKOV, K.A.; KISLITSYN,
A.S.; MURASHEV, S.A.; GIBRALOV, A.I.; PETRUSHINA, A.S.;
POPOV, A.F.; KUMER, A.G.; SHCHELEV, A.T.; KRIZHINSKIY, S.G.;
SHURYGINA, A.I., red. izd-va; ROMANOVA, V.V., tekhn. red.

[Laboratory work in aerophotogeodesy for land utilization
faculties of higher agricultural schools]Laboratorye raboty
po aerofotogeodezii; dlia zemleustroitel'nykh fakul'tetov
sel'skokhoziaistvennykh vuzov. Pod obshchei red. V.F.Deineko.
Moskva, Izd-vo geodez.lit-ry, 1962. 109 p. (MIRA 15:10)

1. Moscow. Institut inzhenerov zemleustroystva. 2. Kafedra
aerofotogeodezii Moskovskogo instituta inzhenerov zemleustroy-
stva (for all except Shurygina, Romanova).
(Aerial photogrammetry)

L 16022-65 EWT(1)/EWP(m)/EWD(v)/FCS(k)/BWA(1) Pd-1/Pe-5/Pi-4 AEDC(a)
 ACCESSION NR: AP4049014 S/0043/64/000/004/0135/0145

AUTHOR: Petrushin, V. B.

TITLE: Determining the aerodynamic damping moment by the method of second-order undamped oscillations

SOURCE: Leningrad. Universitet. Vestnik. Seriya matematiki, mekhaniki i astronomii, no. 4, 1964, 135-145

TOPIC TAGS: aerodynamic damping, undamped oscillation, damping moment, aerodynamic force, lift coefficient

ABSTRACT: The aerodynamic damping moment is investigated theoretically and experimentally by means of the method of free and forced oscillations of a body moving across a gas flow in an aerodynamic tunnel. An experimental setup is described in which the damping moment coefficient $C_{m\dot{\alpha}}$ is balanced by the static mass coefficient. The dependence of the damping moment and the static mass coefficients on the location of the center of rotation on the longitudinal axis is given in graphical form. The influence of the control surface dimensions on $C_{m\dot{\alpha}}$ is evaluated. On the basis of the tests performed, it is concluded

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ACCESSION NR: AP4049014

that the independence of the aerodynamic coefficients from the type of motion observed in an ideal incompressible medium also holds in a real viscous medium. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 28May63

ENCL: 00

SUB CODE: NE

NO REF SOV: 001

OTHER: 000

ATD PRESS: 3142

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SAVVIN, S. G.; PETRUSHININ, K. V.

Tobacco Manufacture and Trade

Information. Tabak 13, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

SECRET

TOP SECRET

Excluded from automatic downgrading and declassification

Not to be distributed outside the Department of Defense

NEFED'YEVA, N.P.; PETROVICH, S.L.; PETRUSHIN, L.I.

Phage pattern of staphylococci isolated during the regular inspection
of confectionary factories and in connection with food poisoning.
Vop.pit. 20 no.3:51-55 My-Je '61. (MIRA 14:6)

1. Iz mikrobiologicheskoy laboratorii (zav. - Yu. I. Rubinshteyn)
Instituta pitaniya AMN SSSR.
(STAPHYLOCOCCUS) (BACTERIOPHAGE)
(FOOD POISONING)

BARABANOV, A., brigadir; AREF'YEV, B.; MOSHKIN, G.; CHISTYAKOV, V.;
PETRUSHIN, V.; VLADIMIROV, L.; BYKOV, A.; PETROV, M.; OGANEZIAN, S.

The party's program is a banner for a nation-wide effort in building communism. Rech. transp. 20 no.8:3-4 Apr '61. (MIRA 14:10)

1. Brigada kommunisticheskogo truda Moskovskogo sudostroitel'nogo i sudoremonstnogo zavoda (for Barabanov). 2. Rektor Leningradskogo instituta vodnogo transporta (for Aref'yev). 3. Kapitan volzhskogo teplokhoda "Ta'llin" (for Moshkin). 4. Master stanochnogo uchastka derevoobdelochnogo tsekha Moskovskogo sudostroitel'nogo i sudoremonstnogo zavoda (for Chistyakov). 5. Master mekhanicheskikh masterskikh moskovskogo Zapadnogo porta (for Petrushin). 6. Vedushchiy konstruktor Tsentral'nogo proyektno-konstruktorskogo byuro Ministerstva rechnogo flota (for Vladimirov). 7. Nachal'nik Stalingradskogo porta (for Bykov). 8. Nachal'nik tekhnicheskogo otdela moskovskogo Yuzhnogo porta (for Petrov). 9. Kapitan teplokhoda "Zaraysk" Moskovskogo rechnogo parokhodstva (for Oganezian).
(Communism) (Inland water transportation)

PETRUSHIN, V.K.; VOROB'YEV, V.I.

Automatic control of a low-production cupola furnace. Mashinostroitel'
no.9:21 S '61. (MIRA 14:10)

(Cherepovets--Cupola furnaces)

PETRUSHINSKIY, M.I., doktorant

Role of the duodenum in digestion following gastrectomies and high resections of the stomach. Khirurgiya 34 no.9:57-62 S '58.

(MIRA 12:4)

1. Iz 3-y kafedry khirurgii (zav. - prof. B.S. Rozanov) TSentral'no-go instituta usovershenstvovaniya vrachey i laboratorii fiziologii i patologii pishchevareniya otдела lechebnogo pitaniya Instituta pitaniya AN SSSR)zav. - doktor meditsinskih nauk V.L. Gubar').

(STOMACH--SURGERY)

(DUODENUM)

PETRUSHINSKIY, M.I.

High gastric resection with inclusion of the duodenum in the process of digestion by anastomosis of a jejunal loop. Eksp. khir. 4 no.2:9-13 Mr-Apr '59. (MIRA 12:5)

1. Iz III kafedry khirurgii (zav. - zasluzhennyy deyatel' nauki prof. B.S.Rozanov) i kafedry operativnoy khirurgii i klinicheskoy anatomii (zav. - chlen-korrespondent AMN SSSR prof. B.V.Ognev) Tsentral'nogo instituta usovershenstvovaniya vrachey.

(GASTRECTOMY, exper.

high, with duodeno-jejunal anastomosis in dogs (Rus))

PETRUSHINSKIY, M.I.

Enucleation of the esophagus in cancer of the cardia and lower
segment of the esophagus. ~~Exp.khir.i~~ anest. 6 no.2:23-25 '61.
(STOMACH—CANCER) (ESOPHAGUS—SURGERY)

PETRUSHINSKI, M. I., doktor na meditsinskite nauki

New trends in the development of gastric surgery. Khirurgiia, Sofia
14 no.8:665-681 '61.

1. Meditsinski institut, Andizhan (USSR). Katedra po fakultetska
khirurgiia. Zav. katedrata: M. I. Petrushinski.

(STOMACH surg)

~~PETRUSHINSKIY, M.I.~~

There is no physiological basis for creating a return flow of food through the duodenum in order to restore its reflex after a stomach resection. Med. zhur. Uzb. no.10:36-37 '61. (MIA 14:10)

1. Iz kafedry fakul'tetskoy khirurgii Andizhanskogo meditsinskogo instituta.

(STOMACH—SURGERY)

(DUODENUM)

PETRUSHINSKIY, M.I., doktor med.nauk

Improvement in the method of restoring the duodenal passage in
high resection of the stomach. Khirurgiia no.12:54-58 '61.

(MIRA 15:11)

1. Iz kafedry fakul'tetskoy khirurgii (zav. M.I. Petrushinskiy)
Andizhanskogo meditsinskogo instituta.

(~~STOMACH-SURGERY~~) (~~DUODENUM-SURGERY~~)

PETRUSHINSKIY, M.I.

Simplified stomach resection with preservation of the secretory
function of the hepato-pancreatic-duodenal system. Med. zhur. Uzb.
no.1:15-20 Ja '61. (MIRA 14:6)

1. Iz kafedry fakul'tetskoy khirurgii Andizhanskogo gosudarstvennogo
meditsinskogo instituta.
(STOMACH—SURGERY)

DETROIT

RUMANIA / Virology. Human and Animal Viruses

E-2

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24009

Author : Vishan, Satmari, Petrushka, Stanku, Bronitskiy,
Rotshild, Pironkof, Gune

Inst : Not given

Title : Study of Effectiveness in Vaccinations Against
Influenza.

Orig Pub: Studii si cercetari inframicrobiol., microbiol.,
si parazitol., 1957, 3, No 1, 57-69

Abstract: No abstract.

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KUDZIN, A. Yu.; GUSKINA, L. G.; PETRUSHKEVICH, I. S.

Stabilization of the domain structure of barium titanate single crystals. Fiz. tver. tela 6 no. 1:92-95 Ja '64. (MIRA 17:2)

1. Dnepropetrovskiy gosudarstvennyy universitet.

ACCESSION NR: AP4011742

S/0181/64/006/001/0092/0095

AUTHORS: Kudzin, A. Yu.; Guskina, L. G.; Petrushkevich, I. S.

TITLE: Stabilization of domain structure in single crystals of barium titanate

SOURCE: Fizika tverdogo tela, v. 6, no. 1, 1964, 92-95

TOPIC TAGS: domain structure barium titanate, barium titanate single crystal, domain structure stabilization, sublattice, sublattice vacancy, dielectric, dielectric hysteresis, hysteresis loop, nickel oxide, tantalum oxide

ABSTRACT: The dielectric hysteresis loops of single crystals of barium titanate containing tantalum oxide and nickel oxide are anomalous. All samples tested contained about 0.3 molecular % tantalum oxide and from 0 to 0.5 molecular % nickel oxide. Increase in nickel content led to a decrease in Curie point. Optimal conditions for growing the barium titanate were obtained with nickel oxide concentrations of 0.3-0.4 molecular %. The anomalous loops were found to be stable relative to external effects, this relation resulting from stabilization of domain structure. The rate of forming the domain structure during application and removal of the electrical field was rather large, since twin hysteresis loops were noted

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